

**PATENT**

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED  
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July 14, 2008

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July 14, 2008

DATE

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Arnold I. Caplan et al.  
Serial No. : 10/550,590  
Filing Date : 22 September 2005  
For : CELL TARGETING METHODS AND  
COMPOSITIONS  
Group Art Unit : 1633  
Examiner : ILEANA POPA  
Attorney Docket No. : CWR-7781PCT/US

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ELECTION REQUIREMENT**

Sir:

In response to the Requirement for Election mailed on May 15, 2008, the  
Applicants hereby elect, without traverse, the invention of Group 1, drawn to a cell  
delivery composition, for further prosecution.

It is respectively submitted that claims 1-4, 6, 8, 9, 11, 13-18, 20-26, 29, 32-  
39, 41, 45-48, 50, 52, 54-59, 61-67, 70, 73-80, 82, 84-89, 190, and 191 read on the  
elected invention.

In addition, Applicants have elected distinct species of progenitor cell, markers, target tissue, bioactive factor, and targeting tissue. The species are consistent with each other for the purpose of the examination.

The Applicants elect the distinct species of targeting moieties selected from the group consisting of antibodies.

The Applicants also elect the distinct species of a delivery method selected from the group consisting of delivery via injection into the target tissue.

The Applicants also elect the species of progenitor cells selected from the group consisting of totipotent stem cells, pluripotent stem cells, multipotent stem cells, mesenchymal stem cells, embryonic stem cells and embryonic germ cells.

The Applicants also elect the species of markers selected from the group consisting of CD34, CD45, c-kit, Sca-1, Stro-1, Thy-1, and Collagen types II or IV.

The Applicants also elect the species of target tissues selected from the group consisting of cartilage.

The Applicants further elect the species of bioactive factors selected from the group consisting of a transforming growth factor, bone morphogenetic proteins, a cartilage derived morphogenic protein, a growth differentiation factor, a growth hormone, an interleukin, a connective tissue growth factor, a chemokine, and a Wnt protein.

Claims readable on the elected species include claims 1-4, 6, 8, 9, 11, 13-18, 26, 29, 39, 41, 45-48, 50, 52, 54-59, 67, 70, 80, 82, 85, 190, and 191.

An early action on the merits of claims 1-4, 6, 8, 9, 11, 13-18, 26, 29, 39, 41, 45-48, 50, 52, 54-59, 67, 70, 80, 82, 85, 190, and 191 is respectfully requested.

Please charge any deficiency or credit any overpayment in the fees for this  
Election Requirement to our Deposit Account No. 20-0090.

Respectfully submitted,

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